

Notice of Allowability

Application No.

09/819,180

Examiner

Cindy Nguyen

Applicant(s)

PETROPOULOS ET AL.

Art Unit

2161

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/10/06.
2. ☒ The allowed claim(s) is/are 1-40.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 11/03/06.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

This is in response to amendments filed 11/07/06.

Allowable Subject Matter

Claims 1-40 are allowed in light of the applicant arguments and in light of the prior art made of record.

The following is a statement of reasons for the indication of allowable subject matter: The prior art of record and that encountered while searching for the claimed invention fails to anticipate and/or suggest: a method and system for constructing a computer-implemented query system for use with a body of data comprising operations of compiling the query form annotation, comprising: providing multiple control schemas and each control schema prescribing constituent components of query form controls providing instances of that control schema, the prescribed components of each control schema comprising: mapping between the specified appearance template and the data schema and between the specified subquery generator and the data schema as recited in claims 1, 10, 19, 20, 22, 26, 28, 29.

The prior art of record and that encountered while searching for the claimed invention fails to anticipate and/or suggest: a method and system for constructing a computer implemented query system for use with a body of data comprising operations of compiling the query form annotation, comprising: providing one or more query form schemas prescribing constituent components of Corresponding query form annotations that provide instances of the query form schemas, said components comprising:

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mapping between the specified appearance template and the data schema and between the specified subquery generator and the data schema as recited in claims 11, 18, 27, 31, 35, 37 and 38.

The prior art of record and that encountered while searching for the claimed invention fails to anticipate and/or suggest: a computer-implemented query processing system and a computer readable medium tangibly embodying a program of machine executable instructions to perform acts to operate a query processing platform, comprising a compiler including access to the query form controls, query from annotations and appearance templates and a run-time engine including a query rendering engine and a query assembler and subquery generator accessible by the query assembler and the compiler as recited in claims 21, 30, 39 and 40.

Regarding claims 2-9, 12-17, 23-25, 32, 33, 34 and 36, these claims depend from claims 1, 11, 22, 27, 31 and 35 respectively and are therefore allowable.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cindy Nguyen whose telephone number is 571-272-4025. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Gaffin can be reached on 571-272-4146. The fax phone numbers for the organization where this application or proceeding is assigned are (571) 273-8300-7239 for regular communications and (571) 273-8300-7240 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

✓
Cindy Nguyen
November 19, 2006

[Signature]
Apu Mojta
Primary Examiner
TC 2100